



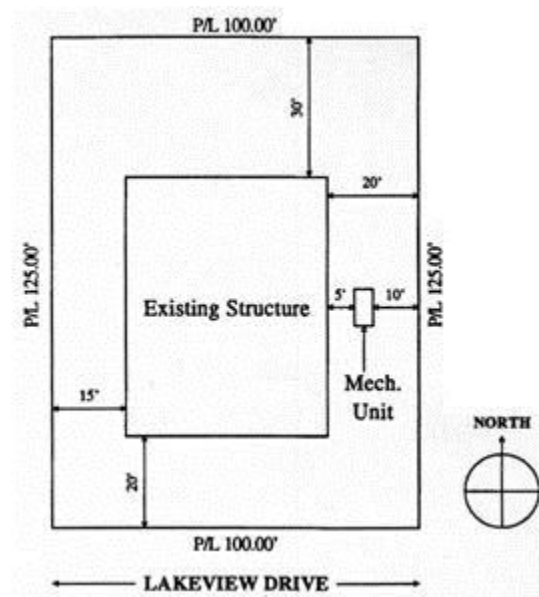
MYBUILDINGPERMIT.COM

MECHANICAL APPLICATION CHECKLIST

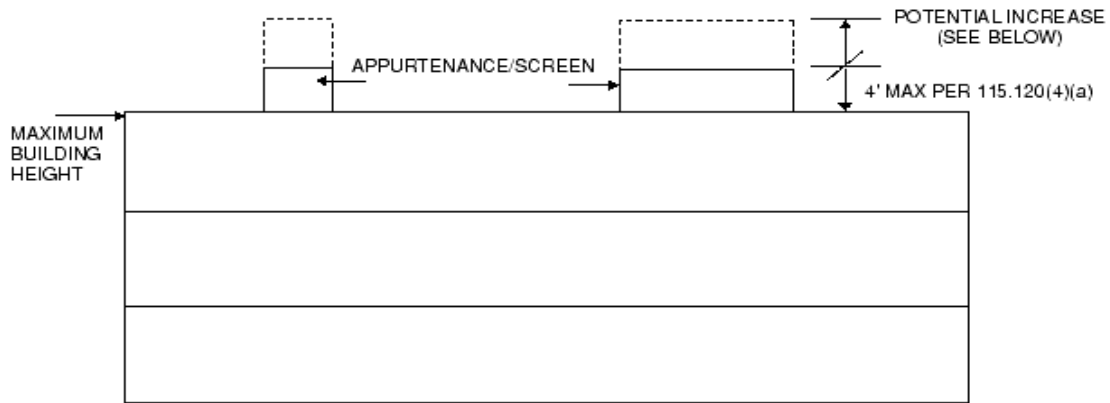
The following items must be provided in order to properly apply for a mechanical permit.
PLANS AND APPLICATION CANNOT BE ACCEPTED IF INFORMATION IS INCOMPLETE.

1. Mechanical plans. Include roof, floor and ceiling plans as applicable, showing all proposed mechanical work.
2. Manufacturer's equipment installation instructions and specifications
3. Structural design calculations may be required by a licensed architect or engineer to verify the adequacy of the support of the equipment. Lateral calculations are required if units weigh over 400 pounds.
4. Documentation showing compliance with WSEC and the ventilation and air quality requirements of the IMC and IRC.
5. **Screening may be required.** Rooftop mechanical equipment requires screening that is architecturally compatible with the building if the equipment extends above the roofline. Contact the Planning Department 425-587-3225. If screening is required, **plans and any applicable structural engineering must be included.**
6. Show the location of the required 110 volt receptacle(s) within 25 feet of unit(s).
7. If over 2,000 cfm, indicate that equipment must shut down with activation of fire alarm system (duct detectors or fire alarm system).
8. Plans including commercial kitchen equipment must show compliance with IMC Sections 506, 507 and 508.
9. If applicable a site plan drawn to scale showing building footprint and ground mounted equipment location relative to building and property lines. Show location of adjacent streets, alleys, or access tracts or easements. Include dimensions from mechanical unit(s) to all property lines and structures. (Example shown below.)
10. For roof top mounted equipment, provide an elevation view. (Example shown on the right)

Rooftop Appurtenances – Allowable Height Coverage



and

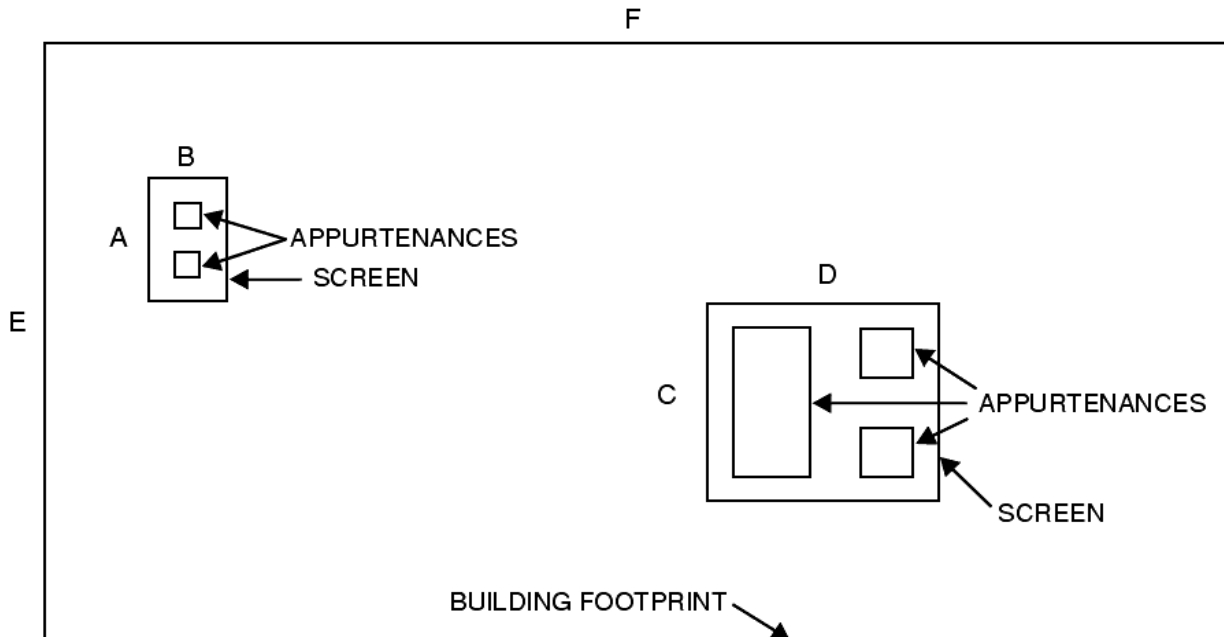


ELEVATION VIEW

Allowable Height per KZC 115.120(4)(a): Four feet above maximum allowable structure height
OR

Potential Height Increase per KZC 115.120(4)(b):

- a. The minimum amount necessary; and
- b. The lesser of:
 - i. The height of the story immediately below; or
 - ii. 15 feet above the applicable height limitation.



PLAN VIEW

Allowable Area per KZC 115.120(4)(a): $(A \times B) + (C \times D) = / < 10\% (E \times F)$

OR

Potential Area Increase per KZC 115.120(4)(b): $(A \times B) + (C \times D) = / < 25\% (E \times F)$